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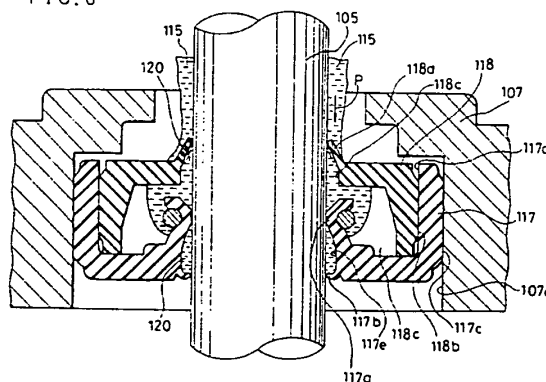
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(54) Geared motor.

(57) In a geared motor (100) with reduction gears (101) having a pair of helical gears (105a, 101b) as reduction gear-coupling and a viscous grease (115) for lubricating the reduction gears (101) filled in a gear case (102), an integration of main oil seal (117) having a main lip (117a) and a dust lip and a sub oil seal (118) having a sub lip (118a) is used between a rotor shaft (105) and a housing (103, 107), for preventing the leakage of the grease (115) including

metal powder resulted from wear of the gears (101), and a second grease (120) retained in a space formed between the sub lip (118a) and the main lip (117a); and an outer wheel (109a) of a ball bearing (109) for supporting the rotor shaft (105) is fixed on a bottom (103a) of the housing (103) in order not to move the rotor shaft (105) in its axial direction for firmly sealing the rotor shaft (105) by the oil seals (117,118).

FIG. 6



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 5)
Y	GB-A- 677 041 (HOOVER) * Whole document * ---	1	F 16 J 15/32 B 23 B 45/00
Y	US-A-4 550 920 (MATSUSHIMA) * Whole document * ---	1,3	
A	US-A- 248 572 (KOYO SEIKO) * Whole document * ---	1,3	
A	PATENT ABSTRACTS OF JAPAN, vol. 10, no. 244 (E-430)[2300], 22nd August 1986; & JP-A-61 73 538 (HITACHI LTD) 15-04-1986 -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 5)
			F 16 J B 23 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14-09-1992	Examiner LEGER M.G.M.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	